

M71z

TechSpecs



Chipset	Intel® H61 chipset	Security Platform	
Operating System	Microsoft Windows 7 Professional 64bit/32bit (include SP1)	Trusted Platform Module	TPM 1.2
	Microsoft Windows 7 Home Premium 64bit/32bit (include SP1)	Audio	
	Microsoft Windows 7 Home Basic 32bit (include SP1)	Type	Integrated Audio
	DOS(China only) , Linux – Redhat, Novel SUSE and Ubuntu Linux, Certified	Chipset	ALC269Q
	Windows XP /Vista (Driver Support)	Stereo Conversion	24-bit DAC and 20-bit ADC
Processor	Intel® SANDY BRIDGE C15 2500S / 2400S	Speaker	Internal 2W x 2
CPU series name	Intel® SANDY BRIDGE C13 2100 / 2120	VoIP	
	Intel® SANDY BRIDGE Pentium G620/G840/G850	Web Cam	2MP (optional)
Network Controller	Realtek RTL8111E-VB,BCM BCM43227 Wi Fi card (optional)	Digital Array Mic	optional
Memory		Power Supply	150W 85 plus 85% Efficiency Active PFC
DIMM Slots	2 SO DIMM	Power Management	
Type	SoDIMM DDR3	ACPI Wake-up Event	System Wakes From
Speed	1333MHz	Power Button	suspend or soft-off
Modules Types Supported	1GB/2GB/4GB	Wake OnLAN	suspend or soft-off
Min Memory	1GB 1333MHz DDR3 SODIMM	PME	suspend or soft-off
Max Memory	8 GB (2 DIMM)	USB 2.0	suspend
Bandwidth	up to 8.5GB/s	Keyboard	suspend
Drive Bay Available		Mouse	suspend
HDD Support	1(3.5")	Chassis	With multi-touch,with Frame stand With Non multi-touch,with Frame stand
ODD Support	1 Slim type DVD-ROM / Rambo	Height	411mm 107.0mm 411mm
Hard Drive Options		Width	506.8mm 506.8mm
Supported Types	Serial-ATA	Depth	107.0mm 100.5mm
Available Drives	7200RPM 160GB	Weight	8.85KG 7,45KG
Bus Transfer Rate	300MB/s	Displays	
Optical Drive Options		Case color	Raven Black
Supported Types	DVD Recordable	Maximum and Real Resolution:	panel support 1600X900/DP output support 1920X1080
System Board Connectors		Monitor Viewable size:	20 inch
Primary IDE Drive	NO	Max brightness	250 nits in Panel center point
Floppy Drive	NO	Backlight type	CCFL
CPU Fan	NO	Multi-touch	optional
System Fan	One 4-pin connector	Peripherals	
Power Connection Interface	One 14 Pin connector	Keyboard	Ultralim Plus Wireless Keyboard Preferred Pro Full size Keyboard (USB) Fingerprint USB Keyboard USB Smartcard keyboard ThinkPad Keyboard with Trackpoint
Internal Speaker Connector	One 4-pin connector	Mouse	Ultra Slim Plus Wireless Mouse Lenovo Laser Mouse
Memory Slots	Two SODIM slot	Environment Attributes	
Standard I/O Ports (Front)		Temperature	Operating: 10°C - 35°C (50F to 95F) Non-operating: -20°C - 60°C (With Package) Wet bulb temperature: 25°C(max)(Operating),40°C (max) (Non-Operating)
High Speed USB 2.0	2	Relative Humidity	Operating: 20% ~ 80% (non-condensing,10% per hour) Non-operating: 20% ~ 80%(non-condensing,10% per hour)
Microphone	1	Max Vibration	1.04 G at 2 to 200 Hz at 1 octave/min (With Package) Non-operating:1.04 G at 2 to 200 Hz at 1 octave/min(without package) Operation:0.27 G at 5 to 500 Hz at 0.5 octave/min,Ramdom(without package)
Headphone	1	Max Shock (without package)	Operating: Bottom half-sine pulse with a change in velocity of 37.4 cm/sec (14.7 inches/sec) Non-operating: 45-G faired square wave with a velocity change of 441 cm/sec (173.7 inches/sec)
Memory Card Reader	8-in-1	Max Altitude	Operating: -15.2 to 3048 m (-50 to 10,000 ft) Non-operating:-15.2 to10,668 m (-50 to 35,000 ft)
Standard I/O Ports (Back)			
High Speed USB 2.0	4		
Serial	1 (optional)		
Parallel	NO		
PS/2	NO		
RJ45	1		
Integrated Display Port	1		
PCI Express x1			
Available Slots	1		
Data Bus Width	32bit /33MHz; 133MB/s		
Voltage	3.3V		
Graphics			
Integrated	Intel GMA HD		

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Preloaded Software in Windows 7		Certifications	
Preload OS	Win7 Home Basic (32 bit) Win7 Home Premium (32/64bit) Win7 Professional (32bit / 64 bit) Vista Ultimate preloads for logo testing only Rdvd's as FRUs - See SW Deliverable page for NLS		
Monetization and Experience Elements	OOBE with Lenovo EULA, Help and Support Lenovo Welcome (Win7 only) Lenovo ThinkVantage Toolbox V1.6 IE Favorites Desktop Experience (Themes on Win7) MS Office 2010 - on all Preload including C&L - except JP and XP MS Live Essentials 2011, Bing Bar 7.0, MS Silverlight, MS Live Mesh 2011 Norton Internet Security 2011 Device Experience Lenovo ThinkVantage Tools [Brand] (Win7) V3.1		Redhat, Novell, Ubuntu Basic Mandatory Certification Dev. Team Responsible for: FCC DoC for North America VCCI certification for Japan BSMI certification for Taiwan EU/EFTA CE Mark & DoC UL/CUL DEMKO-GS IEC60950-1 CB Report/Certificate Saudi Arabia ICCP(SASO) Hong Kong SAR (CB report) Argentina S-mark EU/EFTA CE Mark & DoC China CCC Mark PEP(Internal Certification) China RoHS EU RoHS EU WEEE Japan J-Moss California RoHS USA Chemical Emission Test USA - UL Canada - CUL Germany - GS(Commercial Only) IEC60950-1 - CB Report/Certificate Argentina - S-Mark EU/EFTA - CE Mark & DoC Russia - GOST Saudi Arabia ICCP(SASO) Hong Kong SAR (CB report) China CCC mark Singapore - PSB Nigeria - SONCAP KONCAR for Croatia KVALITET for Serbia Moldavia - INSM Kenya - KEBS Uzbekistan - STZ Kazakhstan - KTC Kuwait - KUCAS Belarus - STB EMC: USA/Canada - FCC/IC Japan - VCCI and JEIDA Harmonics Australia/New Zealand - C-Tick EU - CE Mark & Doc Chinese TaiWan BMSI
Software Applications	ThinkVantage Rescue and Recovery 4.3 (Win7 - Ready to Install) Password Manager 3.2 (Win7) - Ready to Install Product Recovery 9.0 (Win7) ThinkVantage System Update 4.0 (Win7) Drivers and QFEs specified on Beijing plan including SAW (surface acoustic wave) Touch Technology. MYWiFi app from Intel(for Intel WiFi card version) Light Adaptive Camera - Driver supports function required, no added SW required Multitouch detection module (Touch Tag) Lenovo Message Center Plus System metadata for Devices and Printers on Win7 Desktop Power Manager v1.05 Auto PC Lock Utility 1.0 Communication Utility 2.x View Management Utility 2.1 Adobe Acrobat Reader Lenovo Users Guide and Viewer (replacement for Access Helps) Japan i-Filter Skype 5.0 Corel DVD Movie Factory (DMF 7 SD) , Corel Burn Now (Intervideo BurnNow SD) Intervideo WinDVD 10 SD Blu-Ray Optical SW -(DMF 7 for Blu-Ray, Intervideo WinDVD 10 for Blu-Ray) L-1 SW part number to add Intervideo WINDVD only on Win7 Home Basic or Win7 Starter OS Simple Tap 1.3 Business in a box Kingsoft Dictionary for JP		
Applications not on preload but available to End User (may need to purchase)	System Migration Assistant 6.0 Image Ultra Builder 5.0 Client Security Software 8.3 (Win7 only) Stratus SaaS		

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